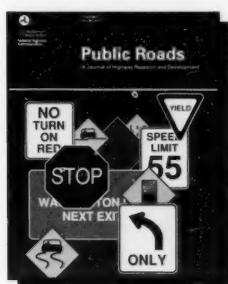


## Contents of Volume 56

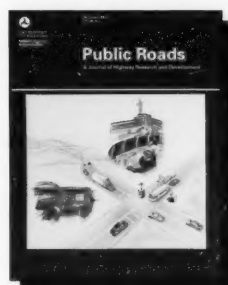
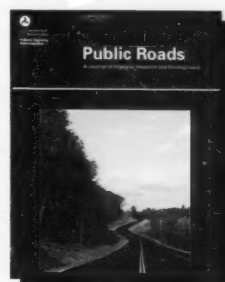


### No. 1, June 1992

	Page
Developing a Standard Approach for Testing New Traffic Control Signs by Paul A. Pisano .....	1
In-Vehicle Navigational Devices: Effects on the Safety of Driver Performance by Jonathan Walker, Elizabeth Alicandri, Catherine Sedney, and King Roberts .....	9
Rock Riprap for Protection of Bridge Abutments Located at the Flood Plain by Jorge E. Pagan-Ortiz .....	23
The FHWA Test Road: Construction and Instrumentation by Kevin Black and William Kenis .....	32

### No. 2, September 1992

	Page
An Investigation of Passing Accidents on Two-Lane, Two-Way Roads by Henrietta B. Alexander and Paul Pisano .....	49
Investigation of Passing Accidents Using the HSIS Data Base by Yusuf M. Mohamedshah .....	61
Transfer Lengths in Rectangular Prestressed Concrete Concentric Specimens by Susan N. Lane .....	67
The Impacts of Alternative Urban Development Patterns on Highway System Performance by Patrick DeCorla-Souza .....	72

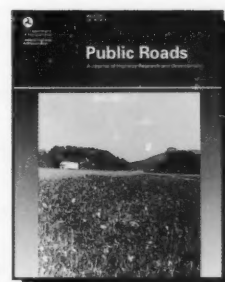


### No. 3, December 1992

	Page
ATMS Technology—What We Know and What We Don't Know by Alberto J. Santiago .....	89
The Application of Ground-Penetrating Radar in Highway Engineering by Kevin Black and Peter Kopac .....	96
The Highway Economic Requirements System: An Introduction to HERS by Regina McElroy .....	104
Technology Transfer—American Style by George M. Shrieves, William L. Williams, and William Zaccagnino .....	112

### No. 4, March 1993

	Page
Perspectives on the New Intermodal Transportation Program by Bruce E. Cannon .....	129
ISTEA — Where Are We After A Year Edited Congressional Testimony of Thomas D. Larson .....	135
Pan American Partners: The Pan American Institute of Highways by Gregory C. Speier .....	142
Highway Applications of Expert Systems by James A. Wentworth .....	148
Benefit-Cost Analysis of Lane Marking by Ted R. Miller .....	153



## List of Authors

(and volume page reference)

Henrietta B. Alexander .....	49	Thomas D. Larson .....	135	Catherine Sedney .....	9
Elizabeth Alicandri .....	9	Regina McElroy .....	104	George M. Shrieves .....	112
Kevin Black .....	32,96	Ted R. Miller .....	153	Gregory C. Speier .....	142
Bruce E. Cannon .....	129	Yusuf M. Mohamedshah .....	61	Jonathan Walker .....	9
Patrick DeCorla-Souza .....	72	Jorge E. Pagan-Ortiz .....	23	James A. Wentworth .....	148
William Kenis .....	32	Paul A. Pisano .....	1,49	William L. Williams .....	112
Peter Kopac .....	96	King Roberts .....	9	William Zaccagnino .....	112
Susan N. Lane .....	67	Alberto J. Santiago .....	89		